

Product datasheet for **SM2135LE**

CD52 Rat Monoclonal Antibody [Clone ID: YTH34.5]

Product data:

Product Type:	Primary Antibodies
Clone Name:	YTH34.5
Applications:	CT, ELISA, FC, IHC, IP, WB
Recommended Dilution:	ELISA. Western Blotting. Immunoprecipitation. Cytotoxic Assays: 50 µg/ml. Use human serum as complement source. Flow Cytometry: Use 10 µl of 1/50-1/100 diluted antibody to label 1 x 10 ⁶ cells in 100 µl. Immunohistochemistry on Frozen Sections. Immunohistochemistry on Paraffin Sections. Immunohistochemistry on Resin Sections. This product does not require protein digestion pretreatment of paraffin section. However enhanced results may be seen using Trypsin protein digestion (Ref.2). Recommended Positive Control: Tonsil.
Reactivity:	Human, Monkey
Host:	Rat
Isotype:	IgG2b
Clonality:	Monoclonal
Immunogen:	Human lymphocytes.
Specificity:	SM2135LE reacts with the Human CD52 antigen, also known as CAMPATH-1. Humanised versions of CAMPATH-1 specific antibodies are currently in clinical trials for the treatment of a range of lymphoid malignancies.
Formulation:	PBS State: Low Endotoxin State: Liquid purified IgG fraction from tissue culture supernatant Stabilizer: None Preservative: None
Concentration:	lot specific
Purification:	Affinity Chromatography on Protein A



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Conjugation: Unconjugated

Storage: Upon receipt, store undiluted (in aliquots) at -20°C.
Avoid repeated freezing and thawing.

Stability: Shelf life: one year from despatch.

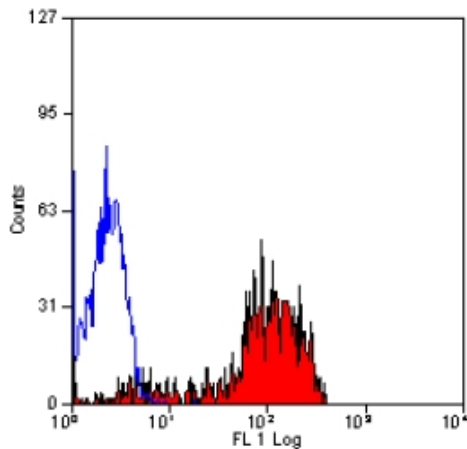
Gene Name: CD52 molecule

Database Link: [Entrez Gene 1043 Human P31358](#)

Background: The CD52 antigen is a remarkably small peptide that is heavily glycosylated, and attached to the cell surface membrane via a GPI link. The apparent molecular mass of the antigen on SDS-PAGE is 25-29kD. CD52 is expressed at high density by lymphocytes, monocytes, eosinophils, thymocytes and macrophages. It is expressed by most lymphoid derived malignancies, although expression on myeloma cells is variable.

Synonyms: HE5, CDw52

Product images:



Staining of human peripheral blood lymphocytes with RAT Anti Human CD52:LOW ENDOTOXIN